

A METHOD AND SYSTEM FOR IMPROVED ATE TIMING CALIBRATION AT A  
DEVICE UNDER TEST

ABSTRACT OF THE DISCLOSURE

- 5           A method for improved ATE (automatic test equipment) timing calibration at a DUT (device under test). The method includes step of accessing a DUT component using an ATE component and performing physical calibration on a first portion of signal pathways coupling the ATE component to the DUT component. A simulation based calibration is performed on a second portion of signal pathways coupling the ATE component to the DUT component.
- 10   The physical calibration results are combined with simulation based calibration results to calibrate timing propagation delay between the ATE component and the DUT component.